

FIG. 1A

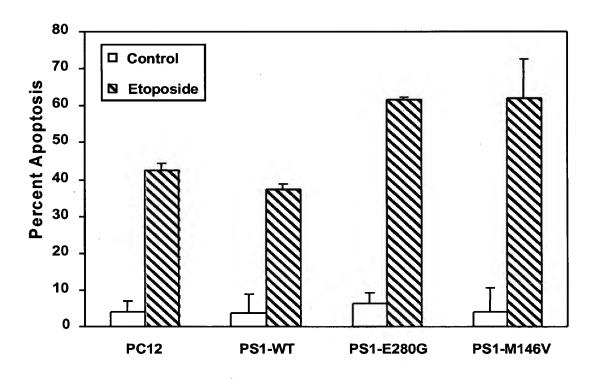


FIG. 1B

McCarthy, et al. Appl. No.: 09/754, 949 Atty. Docket: SCIOS.012A

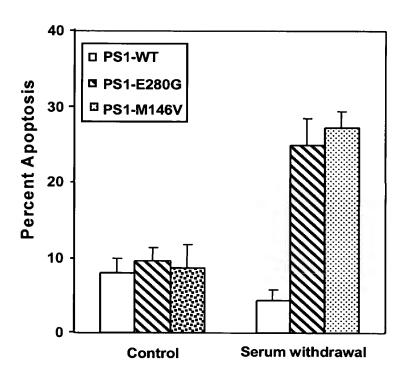


FIG. 1C

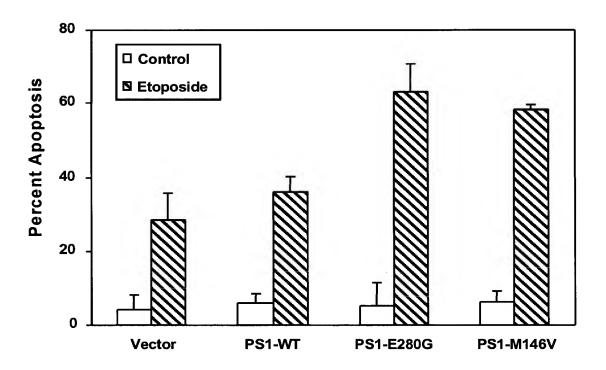
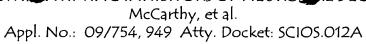


FIG. 1D



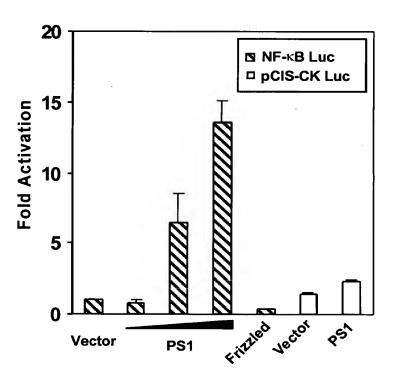


FIG. 2A

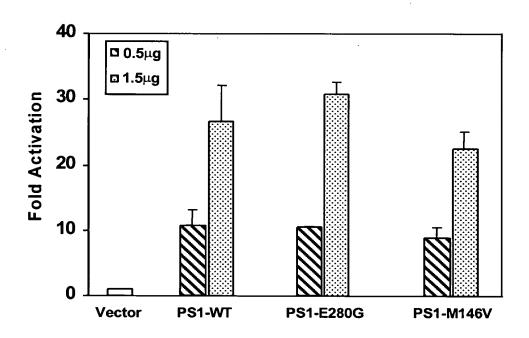


FIG. 2B

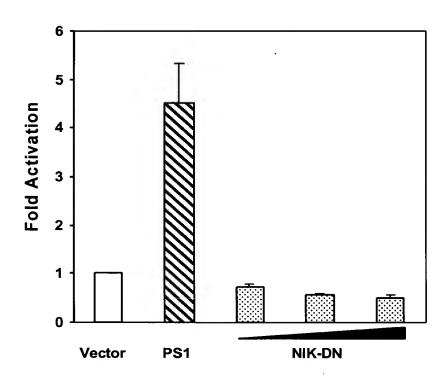


FIG. 3A

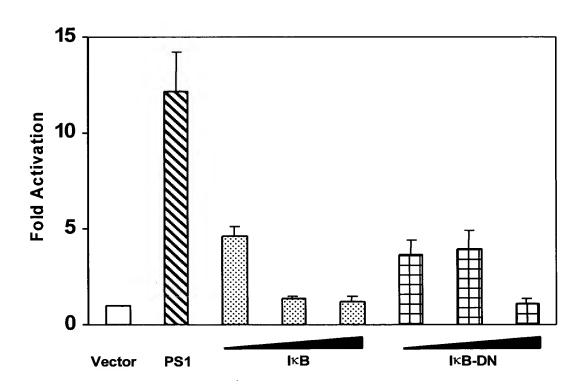


FIG. 3B



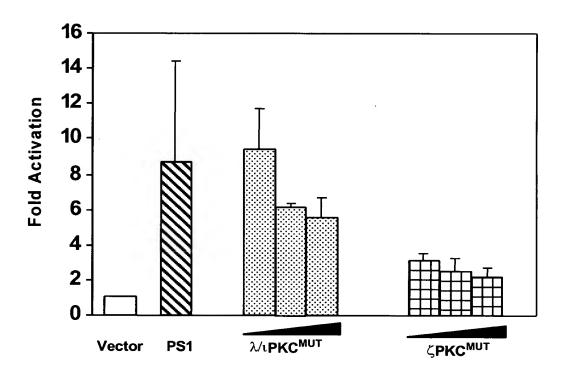
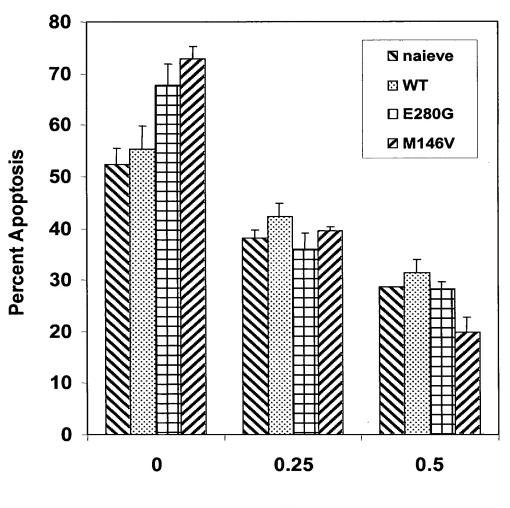


FIG. 4A



PKCξ DNA (ug)

FIG. 4B

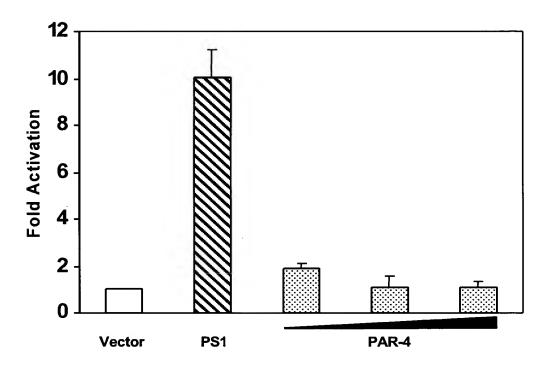


FIG. 4C



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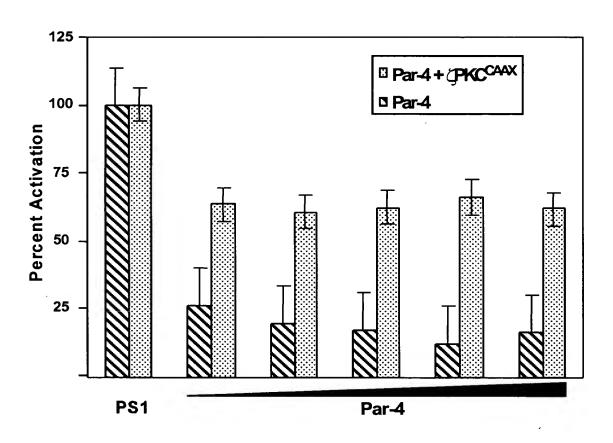


FIG. 4D

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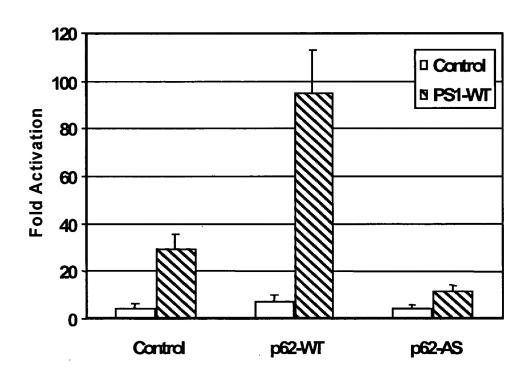
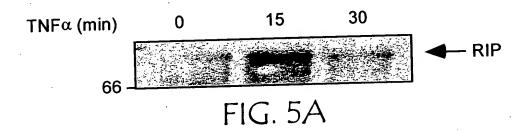


FIG. 4E

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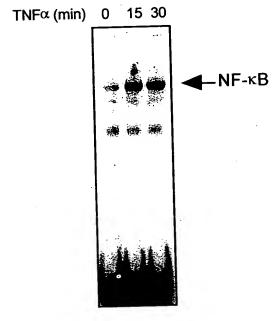
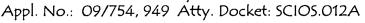


FIG. 5B



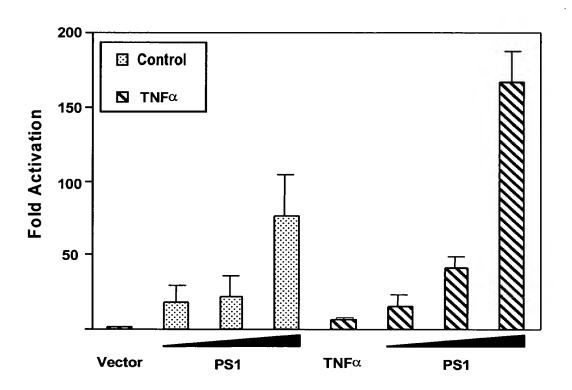


FIG. 5C

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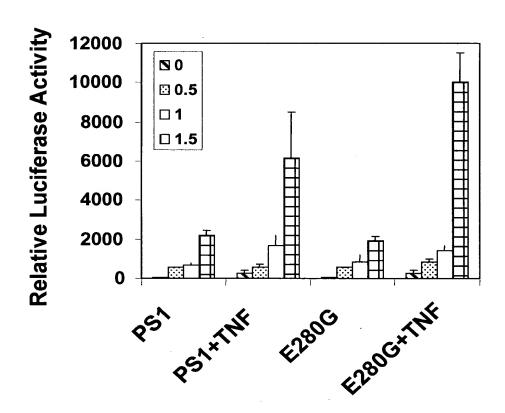


FIG. 5D



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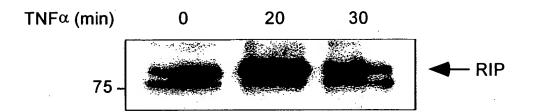
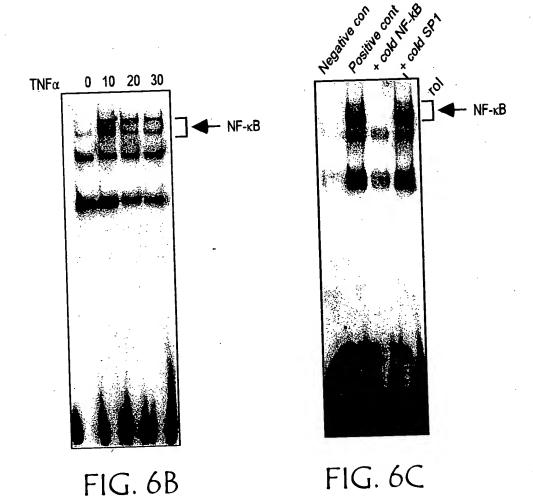


FIG. 6A



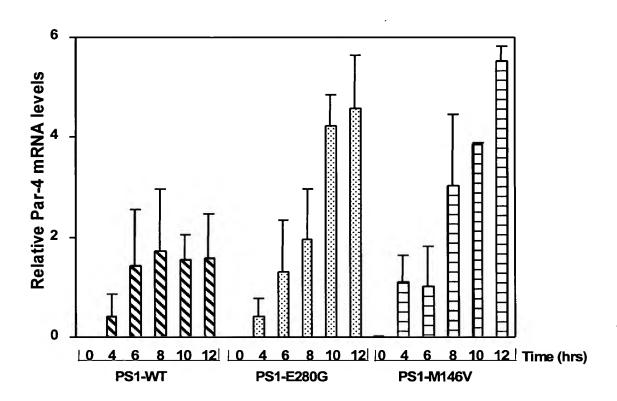
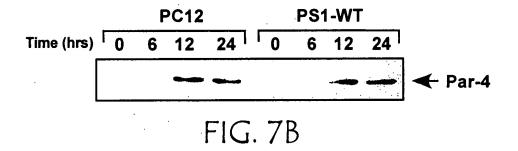
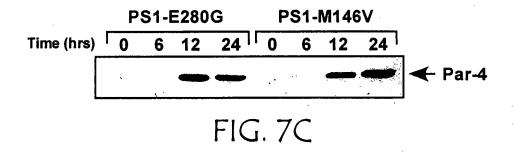
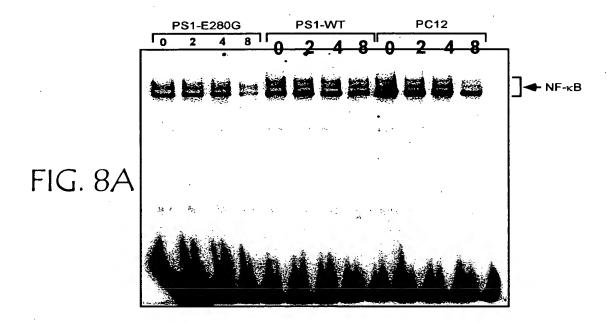


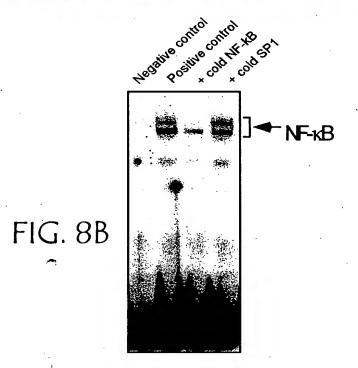
FIG. 7A





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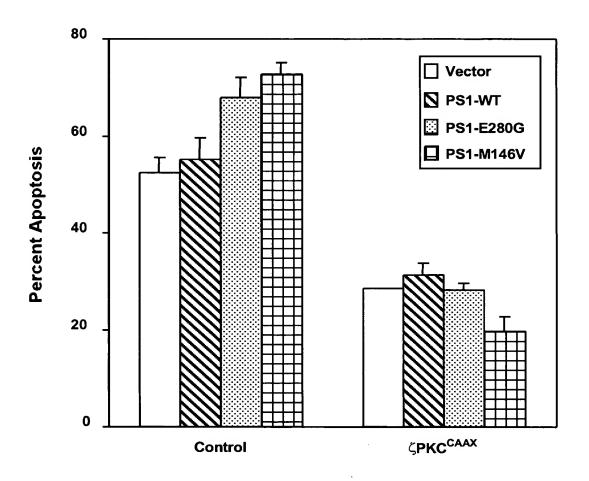


FIG. 9A

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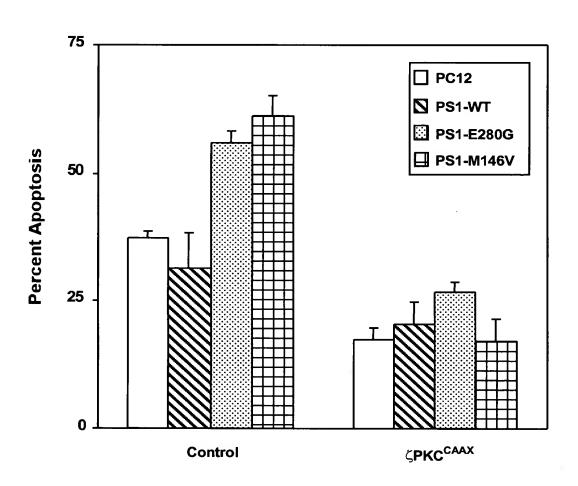


FIG. 9B

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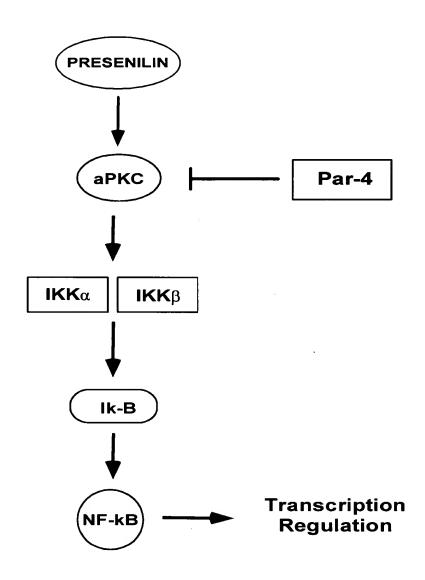


FIG. 10



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TGGGAAGCCCCCGCGGGGGCTCTGGGCACCCCGGCGGCCGCCGCTGCCAACGAGCTCAACA GCGGTCGGCTCCGCCATGCTGACGCGGGCGCCCCCGGGCCGGGCCGGGCGGTCGGAGGA CGAGCCCCCAGCCGCCTCTGCCTCGGCTGCACCGCCCCCAGCGTGACGAGGAGGAGCCGG ACGGCGTCCCAGAGAGGGCAAGAGCTCGGGCCCCAGTGCCAGGAAAGGCAAGGGGCAGATC GAGAAGAGGAAGCTGCGGGAGAAGCGGCGCTCCACCGGCGTGGTCAACATCCCTGCCGCAGA GTGCTTAGATGAGTACGAAGATGATGAAGCAGGGCAGAAAGAGCGGAAACGAGAAGATGCAA TTACACAACAGAACACTATTCAGAATGAAGCTGTAAACTTACTAGATCCAGGCAGTTCCTAT CTGCTACAGGAGCCACCTAGAACAGTTTCAGGCAGATATAAAAGCACAACCAGTGTCTCTGA AGAAGATGTCTCAAGTAGATATTCTCGAACAGATAGAAGTGGGTTCCCTAGATATAACAGGG ATGCAAATGTTTCAGGTACTCTGGTTTCAAGTAGCACACTGGAAAAGAAAATTGAAGATCTT GAAAAGGAAGTAGTAACAGAAAGACAAGAAAACCTAAGACTTGTGAGACTGATGCAAGATAA AGAGGAAATGATTGGAAAACTCAAAGAAGAAATTGATTTATTAAATAGAGACCTAGATGACA TAGAAGATGAAAATGAACAGCTAAAGCAGGAAAATAAAACTCTTTTGAAAGTTGTGGGTCAG CTGACCAGGTAG



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MATGGYRTSSGGGSTTDWKAKRKMRAKNGAGGGSSDAAGKAGAGTAAAAANNNNGGAAAAVG GGVNCAVGSAMTRAARGRRSDAASASAARDDGVKGKSSGSARKGKGKRKRKRRSTGVVNAAC DYDDAGKRKRDATNTNAVNDGSSYRTVSGRYKSTTSVSDVSSRYSRTDRSGRYNRDANVSGT VSSSTKKDKVVTRNRVRMDKMGKKDNRDDDDNKNKTKVVGTRMATGGYRTSSGGGSTTDWKA KRKMRAKNGAGGGSSDAAGKAGAGTAAAAANNNNGGAAAAVGGGVNCAVGSAMTRAARGRRD AASASAARDDGVKGKSSGSARKGKGKRKRKR



#### METHOD FOR IDENTIFYING INHIBITORS OF NEURONAL DEGENERATION McCarthy, et al.

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ATGACAGAGTTACCTGCACCGTTGTCCTACTTCCAGAATGCACAGATGTCTGAG GACAACCACCTGAGCAATACTGTACGTAGCCAGAATGACAATAGAGAACGGCAG GAGCACAACGACAGACGGAGCCTTGGCCACCCTGAGCCATTATCTAATGGACGA CCCCAGGGTAACTCCCGGCAGGTGGTGGAGCAAGATGAGGAAGAAGATGAGGAG CTGACATTGAAATATGGCGCCAAGCATGTGATCATGCTCTTTGTCCCTGTGACT CTCTGCATGGTGGTCGTGGCTACCATTAAGTCAGTCAGCTTTTATACCCGG AAGGATGGGCAGCTAATCTATACCCCATTCACAGAAGATACCGAGACTGTGGGC CAGAGAGCCCTGCACTCAATTCTGAATGCTGCCATCATGATCAGTGTCATTGTT GTCATGACTATCCTCCTGGTGGTTCTGTATAAATACAGGTGCTATAAGGTCATC TACTTGGGGGAAGTGTTTAAAACCTATAACGTTGCTGTGGACTACATTACTGTT GCACTCCTGATCTGGAATTTTGGTGTGGTGGGAATGATTTCCATTCACTGGAAA GGTCCACTTCGACTCCAGCAGGCATATCTCATTATGATTAGTGCCCTCATGGCC CTGGTGTTTATCAAGTACCTCCCTGAATGGACTGCGTGGCTCATCTTGGCTGTG ATTTCAGTATATGATTTAGTGGCTGTTTTGTGTCCGAAAGGTCCACTTCGTATG CTGGTTGAAACAGCTCAGGAGAGAAATGAAACGCTTTTTCCAGCTCTCATTTAC TCCTCAACAATGGTGTGGTTGGTGAATATGGCAGAAGGAGACCCGGAAGCTCAA AGGAGAGTATCCAAAAATTCCAAGTATAATGCAGAAAGCACAGAAAGGGAGTCA CAAGACACTGTTGCAGAGAATGATGATGGCGGGTTCAGTGAGGAATGGGAAGCC CAGAGGGACAGTCATCTAGGGCCTCATCGCTCTACACCTGAGTCACGAGCTGCT GTCCAGGAACTTTCCAGCAGTATCCTCGCTGGTGAAGACCCAGAGGAAAGGGGA GTAAAACTTGGATTGGGAGATTTCATTTTCTACAGTGTTCTGGTTAAAGCC TCAGCAACAGCCAGTGGAGACTGGAACACAACCATAGCCTGTTTCGTAGCCATA TTAATTGGTTTGTGCCTTACATTATTACTCCTTGCCATTTTCAAGAAAGCATTG CCAGCTCTTCCATCTCCATCACCTTTGGGCTTGTTTTCTACTTTGCCACAGAT TATCTTGTACAGCCTTTTATGGACCAATTAGCATTCCATCAATTTTATATCTAG



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MTELPAPLSYFQNAQMSEDNHLSNTVRSQNDNRERQEHNDRRSLGHPEPLSNGRPQGNSRQV VEQDEEEDEELTLKYGAKHVIMLFVPVTLCMVVVVATIKSVSFYTRKDGQLIYTPFTEDTET VGQRALHSILNAAIMISVIVVMTILLVVLYKYRCYKVIHAWLIISSLLLLFFFSFIYLGEVF KTYNVAVDYITVALLIWNFGVVGMISIHWKGPLRLQQAYLIMISALMALVFIKYLPEWTAWL ILAVISVYDLVAVLCPKGPLRMLVETAQERNETLFPALIYSSTMVWLVNMAEGDPEAQRRVS KNSKYNAESTERESQDTVAENDDGGFSEEWEAQRDSHLGPHRSTPESRAAVQELSSSILAGE DPEERGVKLGLGDFIFYSVLVGKASATASGDWNTTIACFVAILIGLCLTLLLLAIFKKALPA LPISITFGLVFYFATDYLVQPFMDOLAFHOFYI



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ATGCTCACATTCATGGCCTCTGACAGCGAGGAAGAAGTGTGTGATGAGCGGACGTCCCTAAT AGAACACTGCCCAGTGGAGAAGCCAGGAGAACGAGGAGGACGGTGAGGAGGACCCTGACCGC TATGTCTGTAGTGGGGTTCCCGGGCGGCCGCCAGGCCTGGAGGAAGAGCTGACCCTCAAATA CGGAGCGAAGCACGTGATCATGCTGTTTGTGCCTGTCACTCTGTGCATGATCGTGGTGGTAG CCACCATCAAGTCTGTGCGCTTCTACACAGAGAAGAATGGACAGCTCATCTACACGACATTC ACTGAGGACACCCTCGGTGGGCCAGCGCCTCCTCAACTCCGTGCTGAACACCCTCATCAT GATCAGCGTCATCGTGGTTATGACCATCTTCTTGGTGGTGCTCTACAAGTACCGCTGCTACA AGTTCATCCATGGCTGGTTGATCATGTCTTCACTGATGCTGCTGTTCCTCTTCACCTATATC TACCTTGGGGAAGTGCTCAAGACCTACAATGTGGCCATGGACTACCCCACCCTCTTGCTGAC TGTCTGGAACTTCGGGGCAGTGGGCATGGTGCATCCACTGGAAGGGCCCTCTGGTGCTGC AGCAGGCCTACCTCATCATGATCAGTGCGCTCATGGCCCTAGTGTTCATCAAGTACCTCCCA GAGTGGTCCGCGTGGGTCATCCTGGGCCCCATCTCTGTGTATGATCTCGTGGCTGTGCTGTG TCCCAAAGGGCCTCTGAGAATGCTGGTAGAAACTGCCCAGGAGAGAAATGAGCCCATATTCC CTGCCCTGATATACTCATCTGCCATGGTGTGGGACGGTTGGCATGGCGAAGCTGGACCCCTCC TCTCAGGGTGCCCTCCAGCTCCCCTACGACCCGGAGATGGAAGAAGACTCCTATGACAGTTT TGGGGAGCCTTCATACCCCGAAGTCTTTGAGCCTCCCTTGACTGGCTACCCAGGGGAGGGCT GGAGGAAGAGGAGGAAAGGGGCGTGAAGCTTGGCCTCGGGGACTTCATCTTCTACAGTGTGC TGGTGGCCAGGCGCTGCCACGGGCAGCGGGACTGGAATACCACGCTGGCCTGCTTCGTG CGCCCTCCCCATCTCCATCACGTTCGGGCTCATCTTTTACTTCTCCACGGACAACCTGGTGC GGCCGTTCATGGACACCCTGGCCTCCCATCAGCTCTACATCTGA



#### METHOD FOR IDENTIFYING INHIBITORS OF NEURONAL DEGENERATION McCarthy, et al.

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MLTFMASDSEEEVCDERTSLMSAESPTPRSCQEGRQGPEDGENTAQWRSQENEEDGEEDPDR YVCSGVPGRPPGLEEELTLKYGAKHVIMLFVPVTLCMIVVVATIKSVRFYTEKNGQLIYTTF TEDTPSVGQRLLNSVLNTLIMISVIVVMTIFLVVLYKYRCYKFIHGWLIMSSLMLLFLFTYI YLGEVLKTYNVAMDYPTLLLTVWNFGAVGMVCIHWKGPLVLQQAYLIMISALMALVFIKYLP EWSAWVILGAISVYDLVAVLCPKGPLRMLVETAQERNEPIFPALIYSSAMVWTVGMAKLDPS SQGALQLPYDPEMEEDSYDSFGEPSYPEVFEPPLTGYPGEELEEEERGVKLGLGDFIFYSV LVGKAAATGSGDWNTTLACFVAILIGLCLTLLLLAVFKKALPALPISITFGLIFYFSTDNLV RPFMDTLASHQLYI



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AGGCACGGTGGCTCACGCCTCTAATCCCAGCATTTTGGGAGGCTGAGGCAGGTGGATCATGAGG TCAGGAGTTCAAGACCAACCTGACCAACATGGTGAAGCCCCGTCTCTACTAAAAATACAAAAAT TAACCAGGCGTGTGTGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATCGCTTGAA CCCGAAAGGTGAAGGTTGCTGTGAGCCTAGATCAGGCCACTGCACTCTGACCTGGGCGACAGAG CGAGACTCCATGTCAAAGAAAAAGAAAGAGGATAAGAAAATTTCCTAACTGGAAGGCAGATAGC TGATTAAAAGGGTCCACTGACTGCATAACATAATAATGATAAAAGACCAAATCAGAGCATATCT TCAAGATATTTCAGAGGATCTAAGTAAGAAGATCCAAAAATTTTGAGACAGAAAATACAATGCA ATCAGAATGCCACTGGTCTTCTAAACAGCAACTCTGGAAACTAGATGATAATAAAGCAATGCCT TCAAAATTATGAAGGAAAATGCTTTCTAACCTAGAGTTCTATGCTCCACCAAACTATTAATCAA GTATGAAGATAAATTTAAAACATTTTCCAATATGCAAGGTCTCTAAGAATGAGTTATACTATCT TCAGAATATACTGAGGATATACTCTGCTAAAATGAAGGGGAGAAACAAAAAGGAAAAGTATGC AATTCAGGAAACAAGAAGTCTACAGAGAAAATGATTCTCAAGGTGTTAGAGGAGCATAATCCCA GGATGACCACAAGCAACGAGCCTTAAAATCAGTCCAGATTAGGCCAGGTGCGGTGGCTCACACC TGTAATCCCAGCACTTTGGGAGGCCAAAGCAGGCTGGTTGCCTGAGCTCAGAAGTTCGAGACCA GTCTGGGCAACATGGTGAAACCCCCGTCTCTACTAAAATACAAAAAATTAGCTGGGCGTGGTGG CATGTGCCTGTATTCCCAGCTACTCTGGAGGCTGATGCAGGAGAATTGCTTGAACCCAGGAGGC GGAGGTTGCAGTGAGCCAAGACTGCGCCACTGCACTACAGCCTCACCAACAGAGCGAGACTCCG TCTCCAAACAAACAAACAAATCAATCCATATTAAAGCAGGGGATGGAGGGCTCCAGAACAGAT GTTTCCAAAAAGAGAATAGAACTGATAGCTTACCCAATGTGATTAACGTCATTGAGAGGAGGAA AGGCAAGTTTTAACTGCAGAAAAATGGTAAAGACAAAAGGTATAGTTGTGCAACAAGGAAAAAC AGTTGTAAAAAAAAAGAAATGCAATCATATACACCACATGACTCAGCTATGAACAGTATTTGTA TAGTCATAATACTACGGGCGTGTAGGAGTATGAAAAGTATATGTGTGGCCGGGCATGGTGGCTC ATGCCTGTAATCCCAGAACTTTGGGAGGCCGAGGCGGTGGATCACGAGGTCAGGAGATCGAGA AAAAAATTAGCCGGGCGTGGTGGCAGCCACCTGTAGTCCCAGCTACTCAGGAGGCTGAGGCAG GAGAATGGCGTGAACCCGGGAGGCGGAGCTTGCAGTGAGCCGAGATCGCGCCACTGCACTCCAG GTATATGTGTTATTAGTGTATTAGAGCTAAATCCTCTTCTATATCTAAAAATGGAAAAATCAAG ATGTACAATAGCAGATATGCACATAAAAAATAAATATGAAGATCTCTATTAATGGAACCAGTTA AAAAGTTCAAAGTTTTGGGTAGGGTTTTCAGAATGGATAAGGTAGAGAGGGGATTGCTGTTTTT TGTTAGAGGATGAATTGCATATGTTCCAGAAATACCTGCATTGAAGGCAAAATGGCTACTTCCC AATACACTAGCTATCCATACATATAATAATACACTTCCTCAAAATCATTAAGACTAACATCTAG GTTTCACTCTGACATATTTAAATGAATCTGTTTTTGTCAGCATTATCATCATATTTCATTTTAT TATTAAGGGCAAGTGAGTCGCTAAAAATTGGTTATTTTAGGCTAACTCAGAGGTGCTCAACCGG GGAAGAATTTTATCCCAGGGACCATGTGGCAATGTCACAATACAGGTGGGGGTTTCTTATTGGT ATCTAATAGGTAGAAGCCAACGATGCTGCTAAACAACCTACAATGGGCAGGACAGCAAAGAATT ATCCAGCCCCAAATGTAACAGTGCTGAGGTTGAGAAACCAAGCTCCAAGTCTTTGAGGATTATT GCTAAATACCTCGGTGCAATGTTGGAAGCAGTCTGGCTGTGAAATATATCTTCGGGAATATTGA GAATGGTAAAGACAAAAGGTATAATAAATGATAATAATAACAAAACACAGAGCTTTGTACCTCA ATAATCTCTTTCATCCATGGTTCCTAGGGCACTTTATAGACTAATAATACCTACTCTGGTACTC ACATACCACCTTTTATCTAAGGACTGCAGGCACTTTCACAACACTCTCACGATGCAGGAAGTAT TATTATCCCCATTTTATATGTAAGTAAACAGAGGCACAAAAGTTAAGCAACTTGCCCAAAGCCA



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